



KARMA Motif What's new in Version 3.2?

Revision 07-Nov-2014 © by Stephen Kay



www.karma-lab.com

Overview

This document is primarily for current owners of KARMA Motif 3.1, who are upgrading and want to know the main changes in functionality (other than bug fixes and minor improvements). The complete list of bug fixes and changes is available, as always, at the [KARMA Motif Software: Release Notes](#) forum. If you are upgrading from KARMA Motif 3.0, please also see the "What's new in Version 3.1" document in the Tutorials Folder as well for important information.

Uninstall the old version first

Due to changes in the location of some files and other issues, we could not make an updater that installs over the previous version. On Windows, please use "Add/Remove Programs" or "Programs and Features" to uninstall the old version, before installing version 3.2. On Mac, you can simply move the KARMA Motif folder to the trash and empty it. *Make sure to back up your data first, especially your modified or custom .kdf files, and any documents you may have added or edited in the Performance Notes folder! Also, be aware that when launching 3.2 for the first time on Windows, you will be performing a "First Launch" and your Preferences will be reset. On the Mac, your Preferences settings should be maintained from version 3.1.*

Now supports six different Yamaha instruments

- Adds support for the Yamaha S70/S90 XS to the already supported Motif XF and XS Series, MOXF, MOX, and Motif Rack-XS.
- All six devices can use the same KARMA Motif application and KDF Data files, for interchangeable KARMA Performances that run on any supported model.

Supports the latest Mac OS X

- Compatible with OS X 10.10 Yosemite. Mac OS X Installer updated to work with new Yosemite GateKeeper requirements. Supports 10.4.11 and higher, PPC or Intel.

Documentation/Help File

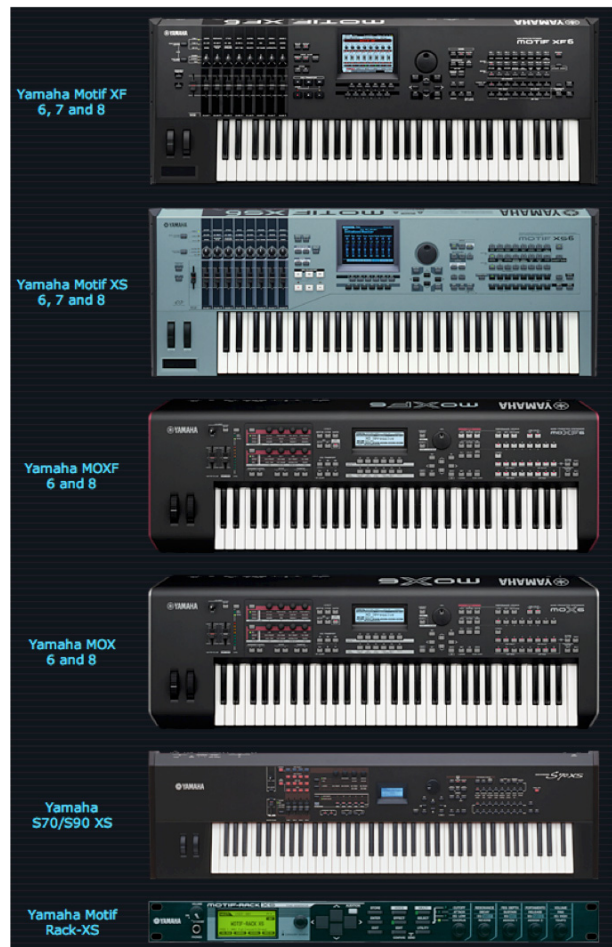
Help File - Online and PDF versions

- The Help File and Manual, both the in-application version and the pdf version have been updated to cover new features and changes in version 3.2.
- Added two new sections in the GE Dialogs chapter of the Help File 3.2:

GE Dialogs - Template Edit Warning
GE Dialogs - Template Overwrite Warning

These describe two new or changed dialogs that you may see when editing and saving GEs.

- Performance Editor > Control: description of new Force Range setting and other clarifications.
- New Appendices chapter for S70/S90 XS.



- Various corrections and minor edits.

For those who may have printed out the version 3.1 manual previously, and wish to know which chapters have changed for version 3.2, a complete listing of edited chapters can be found in the full Release Notes.

Performance Notes

- New section in Tone 1 Knobs Reference for S70/S90 XS.
- New Remote Mode Map for S70/S90 XS.
- Minor corrections in a few individual Performance Notes documents.

Tutorials

- The following Tutorial Documents were updated with new sections related to the S70/S90 XS:

Creating your own KARMA Yamaha Data
Installation and First Launch
Tone 1 Knobs Reference

- The following new tutorial was included:

Using the Remote Mode - S70 S90 XS

All other tutorials have minor revisions, corrections and updated diagrams where required. The new tutorials and updated tutorials have been included in the installation's Tutorials Folder. And as always, you can consult <http://karma-lab.com/kmo/docs> for the latest revisions and additions.

New Features

- Added "Auto Fill On Scene Change" feature, with a checkbox located next to the Fill button in the Real-Time Controls Editor. When on, selecting any scene change in the Master RT Control Layer automatically triggers a fill leading into the scene change. If you like having a fill every time you change scenes, you can avoid having to additionally hit the Fill button by using this feature, which is stored with each Performance.

Note: When using this feature, you may wish to increase the size of the Scene Change Quantize Window (usually set to 1 Bar in most Factory Performances) in order to allow longer fills.

- Added keyboard shortcuts for Scene Advance (Next Scene, Previous Scene, Startup Scene). Both Mac/Win:

Ctrl + Shift + < - Previous Scene (in current Control Layer)
Ctrl + Shift + > - Next Scene (in current Control Layer)
Ctrl + Shift + ? - Startup Scene (in current Control Layer)



- Added a menu command shortcut for "Clear Solo" to the Edit Menu, to coincide with the '+' key being used in the S70/S90 XS Remote Mode. When one or more Modules and/or Keyboard Layers is soloed, this command will clear all of the solos at the same time – the same as command-clicking on one of them (Mac) or control-clicking on one of them (Windows).

- Added a new Remote Mode Control Map for S70/S90 XS. The "HID number key buttons" of the S90XS (and therefore computer keyboard) select 8 different Function Sets, and added a label to display the current Function Set (i.e. FS:3) in the Status Area of the Main Window.



Factory KDF File changes (KARMA Performances)

KDF Conversion

- Certain changes have been made in the Factory Performance KDF file that we supply. The version of the KDF File itself has been changed to 3.2.0.0, to support various improvements.
- Any KDF files from the previous version will be converted to KDF 3.2 format the first time they are opened (you will see an information dialog stating that the file will be converted.) You can save the changes over your previous data, or save the file with a new name if you wish to preserve your older data files for any reason. The newer version files cannot be opened with older versions of the software.

Changes

- Changed name of Bank 1 of Performances to "Factory Performances" from "Motif Performances", since not all supported Yamaha devices are Motifs.
- Two Cluster Templates in Templates Bank A had an invalid Weighting Curve setting of 64 (no effect on sound) and were repaired: 26: ostinato1, 27: ostinato2.
- Fixed two Performances that had Global [G] settings in the Performance MIDI Setup Page (no affect to sound and are not relevant for Yamaha keyboards): 41 Ethnolo-G and 44 Hot Nights In Havana.
- Minor change in the CCs Templates in Templates Bank B: turned on the inversion bits in Templates 24~27 so they would be the same as the ones in Bank A.
- The default Templates Bank B did not have [As Stored] for the first item name in the 3 Drum Pattern Banks.
- Set the default MSB/LSB for Program change Wave-Sequencing (in all GEs). This has no effect on the sound or present operation, but if the GE is ever switched to that mode of operation, the default settings will be correct for Yamaha.
If Drum GE: 63 / 32 - PRE Drum Bank
All others: 63 / 0 - PRE1
- Modified one UNUSED GE in the KMO Factory Data 1.kdf file because of the Cluster Pattern Strum issue (KL#2680 discussed below): 3.1 Acid Groove.
- Added a few additional Module Names to the available list of Module Names.

Yamaha Data File changes

MOXF/MOX

Our Custom Control Template "45: KARMA Motif" has been modified to use the "-64 to 63" Display Format for the Tone 1 Knob settings, so that the "as stored" value is indicated by +0, and negative values indicate "less" while positive values indicate "more". (Previously, a value of 64 indicated "as stored"). Consequently, the MOXF and MOX KARMA Yamaha Data Files have been modified.

If you would like to update this template in your own Data file without loading our full KARMA Data file, we have included the Yamaha Remote Editor files in the Tutorials Folder > Tutorials Files > Remote Editor.

Also as a result of this, the following documents including discussion of the MOXF/MOX Custom Control Template have also been revised:

Tutorials Folder:

Tone 1 Knobs Reference.pdf

Using the Remote Mode - MOXF, MOX.pdf

Performance Notes:

Tone 1 Knobs Reference

XF, XS, Rack-XS

For the Motif XS, XF, Rack-XS and S70/S90 XS, the Tone 1 Knobs Sustain Knob sends SysEx, rather than a CC. If the Tone 1 Knobs are set such that Sustain is being routed to the RH lead sound, and there is a switchable lead sound (for example, 001 Industrial Strength) then the way this works is the SysEx is sent to the song/Multi Part corresponding to the assigned MIDI Channel in the KARMA Software.

Therefore, the part number in the Song/Multi *must match the MIDI Channel*. For example, in Industrial Strength, the secondary lead sound was on Channel 12, but in Part 14 in the Yamaha - so the Sustain Knob would not work on the secondary lead sound.

This required fixing several Performances in the Yamaha Data for the XF, XS and Rack-XS. The following Performances were affected:

1	Industrial Strength	swapped parts 12 and 14; manually fixed tracks page
2	The Acid Test	swapped parts 12 and 15; manually fixed tracks page
34	HouseMeister	swapped parts 8 and 10; manually fixed tracks page
38	Glam-Pop Shuffle	swapped parts 12 and 16; manually fixed tracks page
59	Look to the Stars	swapped parts 8 and 10; manually fixed tracks page
62	Diva's Delight	swapped parts 12 and 13; manually fixed tracks page
63	Electronic Café	swapped parts 12 and 16; manually fixed tracks page

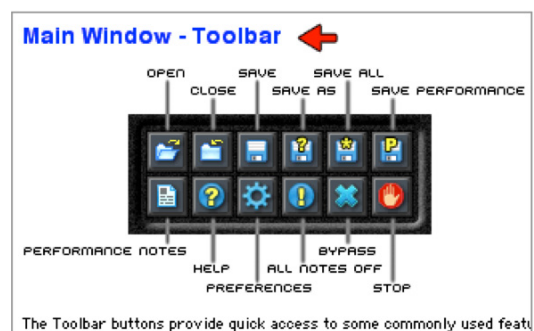
XF, XS

Fixed 5 bogus Mix Voices in the XS/XF Data Files. (There were supposed to be 248 Mix Voices, but it was found that actually 253 mix voice slots were occupied - meaning there were 5 unused mix voices stored in various Performances):

2	The Acid Test	mixv 15 Supertramp
36	At An Exhibition	mixv 1 Initialized
40	Can't Stop Da Nod	mixv 1 Initialized
45	Rock Anthem Sketcher	mixv 11 Over the Top
50	Upward Spiral	mixv 3 chillin chords

Other changes and improvements

- MIDI Port Manager Dialog: added mouse-wheel support. The arrow keys, page buttons and home/end didn't work (fixed). But since there are two areas (input/output) and no real concept of focus, they now work on both of them at the same time.
- In the application's Help File, added a red arrow that points to the current item you have located to when you click on any hyperlink in the file, or use the tooltips and cmd+H (Mac) or ctrl+H (Win) to locate to a tooltip description. Removed the highlighting of the text in the Help File that was supposed to show you basically the same thing, because it didn't work consistently, and depending on the highlight color specified by the user's computer, the appearance could make the line of text unreadable.



As part of this, removed the empty space at the end of each Help Chapter (which was inserted to allow tooltips to more visually locate to an item near the end of a chapter), since we now have added the red arrow that points to the current link.

- New Force Range setting (Performance Editor > Control Page). Added a new setting "C2B2[3]". Normally, when you used C2B2[1], then if you play a chord voicing that spans greater than an octave (say C-E-G-B-D), the notes all get compressed into one octave, so the voicing changes. The new option does not compress, so the exact spread of the voicing is maintained, yet still placed in the 4th octave and wrapped around according to the Force Wrap setting. Changed the wording in the popup menu:

C2B2[1] - all notes near 4th octave (compress 1 oct, maintain inversion)

C2B2[2] - all notes in 4th octave (compress 1 oct, can change inversion)

C2B2[3] - all notes near 4th octave (don't compress, maintain inversion)

- Improved an issue with occasional triggering of incorrect chords when starting a Performance with a LH chord. For example, if you played a four-note chord, it might trigger after only getting the first two notes, then trigger again with the correct chord a moment later. While the user does not hear a double trigger, the riffs might start playing initially with the wrong notes.
- Improvements related to the use and editing of Templates in the various GE Editor pattern grids, such as Rhythm Pattern, Duration Pattern, etc. Rewrote the way that Templates manage and indicate if they are edited or not in conjunction with the improvements to the overall GE editing indications. Previously, editing the pattern grid or the other parameters that are part of each attribute's template (i.e. Rhythm Template, Velocity Template etc.) would put an "edited" mark in the Template Name Popup Menu and the GE Name popup menu, and even if you returned the Template parameter to what it was before, the GE and Template would still be marked as edited. Now, it is intelligent enough to realize that the setting is back to what it was before and that the GE and Template are actually no longer edited.
- Improved and rewrote the way that GEs determine and indicate that they have been edited. As before in previous versions, the GE is compared with a backup unedited version in a buffer, to see if any changes have actually been made. Therefore, if you edit a parameter, the GE is edited mark will appear, and if you return the parameter to the previous value, the edit mark should go away. In previous versions, this was not always the case. Furthermore, scene changes that control and vary the GE parameters should be taken into account such that they are not considered edits. Only manually editing a parameter in a GE is an edit. This did not always work right in previous versions - especially where controlling Templates such as Rhythm Patterns, Duration Patterns etc.

Bug Fixes

You can view a complete list of all other fixes in the Release Notes, included with the installation of version 3.2 or available at the [KARMA Motif Software: Release Notes](#) forum.

We hope you enjoy the KARMA Motif 3.2 update! Good KARMA to you all...